

Message

From: Webster, Susan [webster.susan@epa.gov]
Sent: 12/14/2018 1:25:25 AM
To: Loesel, Matthew [loesel.matthew@epa.gov]
CC: Petersen, Chris [petersen.chris@epa.gov]
Subject: ADEQ/EPA Update 12/13/2018 Trafalgar Road Fire

For distribution to response partners. Thank you. Susan

From: Gray, David
Sent: Thursday, December 13, 2018 6:19 PM
Subject: ADEQ/EPA Update 12/13/2018 Trafalgar Road Fire

Mayor,

On behalf of ADEQ and EPA, here it tonight's update. We have completed our air sampling efforts and expect quality assured chemical data by December 21. Particulate smoke levels in the community were good today. However, two sampling devices did not collect samples over the entire 24-hour period so we do not report data. The particulate sample collected on the property was within the moderate range describe below. Our evaluation of the conditions of the fire at the property will continue tomorrow. We will share our recommendations with ADEQ as quickly as possible.

Best,

David

Twenty-four hour monitoring period ending on Thursday, December 13, 2018

Air Quality Index Cautionary Statements:

Good – No cautionary statement

Moderate – Unusually sensitive people should consider reducing prolonged or heavy exertion

Fires and Your Health (<https://www.epa.gov/pm-pollution/fires-and-your-health>):

When smoke is present:

- If it looks smoky outside, it is a good idea to limit exertion (running, yardwork, playing) during outside activity.
- If you have asthma or other lung disease, you should follow your doctor's directions or asthma management plan
- Run your Heating, Ventilation and Air Conditioning (HVAC) system while keeping your air filter clean
- If you have heart or lung disease, if you are an older adult, or if you have a child, talk with your doctor about whether or when you should leave the area

Air Quality Index (AQI) Calculator (concentration to AQI):

<https://airnow.gov/index.cfm?action=airnow.calculator>

Location	PM2.5 (24 hour average)	AQI	AQI Category
BVF-011 Webb Lane	8 µg/m ³	33	Good
BVF—012 Sutherland Lane	No reading due to detection failure	--	--
BVF-013 Site	27 µg/m ³	82	Moderate
BVF-014 Mary Ann Lane	No reading due to detection failure	--	--

Chemical samplers using Summa canisters were functional and were not impacted.